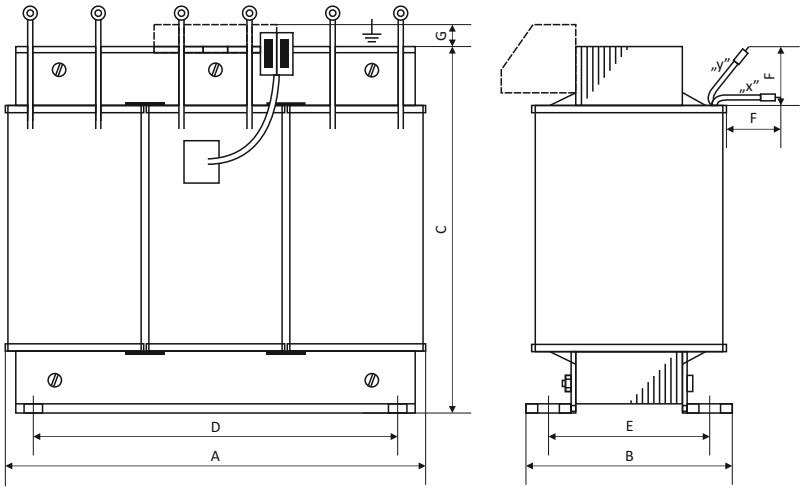
D3F

Three-phase filter choke 14%



Working voltage: **400V 50Hz**
Insulation test voltage: **3000V 50Hz**
Overload capacity (thermal): **1,1In**
Magnetic linearity kLIN=ILIN/IN: **1,15**
Capacitive battery voltage: **440V**

Type	Current	Inductance	Battery power	Dimensions [mm]							Mounting	Weight [kg]
	[A]	[mH]	[kVar]	A	B	C	D	E	F	G		
D3F 1,0/14/440 1,4A/86,32mH 400V	1,4	86,32	1	125	62	127	100	46	-	15	Φ5	1,90
D3F 1,5/14/440 2,1A/57,55mH 400V	2,1	57,55	1,5	125	62	127	100	46	-	15	Φ5	1,90
D3F 2,5/14/440 3,4A/34,53mH 400V	3,4	34,53	2,5	155	77	152	130	56	-	15	8 x 12	2,90
D3F 5/14/440 6,9A/17,26mH 400V	6,9	17,26	5	190	81	178	170	57	-	15	8 x 12	6,30
D3F 10/14/440 13,8A/8,63mH 400V	13,8	8,63	10	210	98	185	175	78	-	15	9 x 13	9,00
D3F 20/14/440 27,7A/4,31mH 400V	27,7	4,31	20	240	107	210	185	85	60	-	10 x 18	20,0
D3F 30/14/440 41,6A/2,87mH 400V	41,6	2,87	30	240	132	210	185	109	60	-	10 x 18	21,9
D3F 40/14/440 55,5A/2,15mH 400V	55,5	2,15	40	300	135	260	224	104	60	-	10 x 18	31,0
D3F 50/14/440 69,4A/1,72mH 400V	69,4	1,72	50	300	135	260	224	104	60	-	10 x 18	32,0

Filter chokes used in reactive power compensation systems. Capacitors and chokes form resonance systems which limit harmonic currents and protect the batteries against overload. Chokes consist of magnetic cores 3UI with gap separators, copper winding, fastening elements and electric clamps. Vacuum impregnation provides high mechanical strength and climatic resistance. Chokes have an automatic temperature sensors (150°C) to control the shut-off system in case of overload and overheating of winding. Protection grade IP00, maximum ambient temperature 40°C, thermal class of insulation F (155°C). Manufactured in compliance with EN61558-2-20.

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